WE CLAIM:

1. A heat-transfer device comprising:

a hollow heat-transfer member made of a thermally conductive material and confining a vacuum sealed chamber therein, said heat-transfer member including a base portion that is adapted to be placed in thermal communication with a heat source, said base portion having an outer wall surface, an inner wall surface that is opposite to said outer wall surface and that confronts said vacuum sealed chamber, and at least one coolant groove that extends from said inner wall surface toward said outer wall surface and that is in fluid communication with said vacuum sealed chamber; and

an amount of liquid coolant contained in said vacuum sealed chamber and collected in said at least one coolant groove.

2. The heat-transfer device as claimed in Claim 1, wherein said heat-transfer member further includes a tubular portion, said base portion being mounted on and closing sealingly one end of said tubular portion.

3. The heat-transfer device as claimed in Claim 2, wherein said outer wall surface of said base portion is a flat surface that is disposed outwardly of said tubular portion and that is adapted to be placed in contact with the heat source.

4. The heat-transfer device as claimed in Claim 2, wherein said base portion includes an end cap that is

mounted on said one end of said tubular portion, and a post extension that extends from said end cap and outwardly of said tubular portion, said at least one coolant groove being formed through said end cap and extending into said post extension.

5. The heat-transfer device as claimed in Claim 1, wherein each of said at least one coolant groove has a guiding edge disposed at said inner wall surface of said base portion to guide flow of said liquid coolant thereinto.